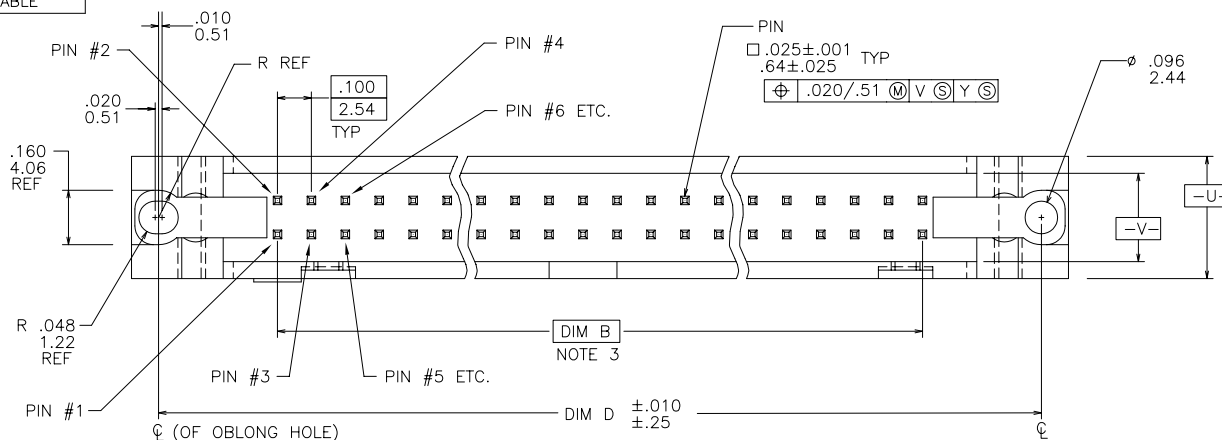
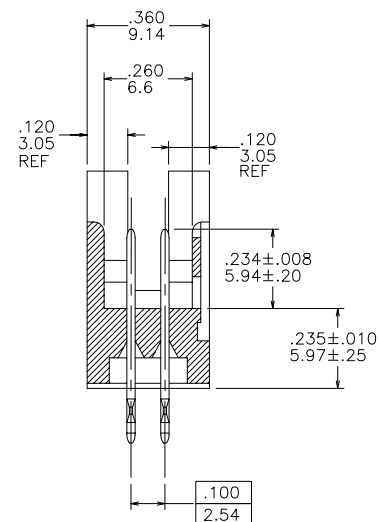
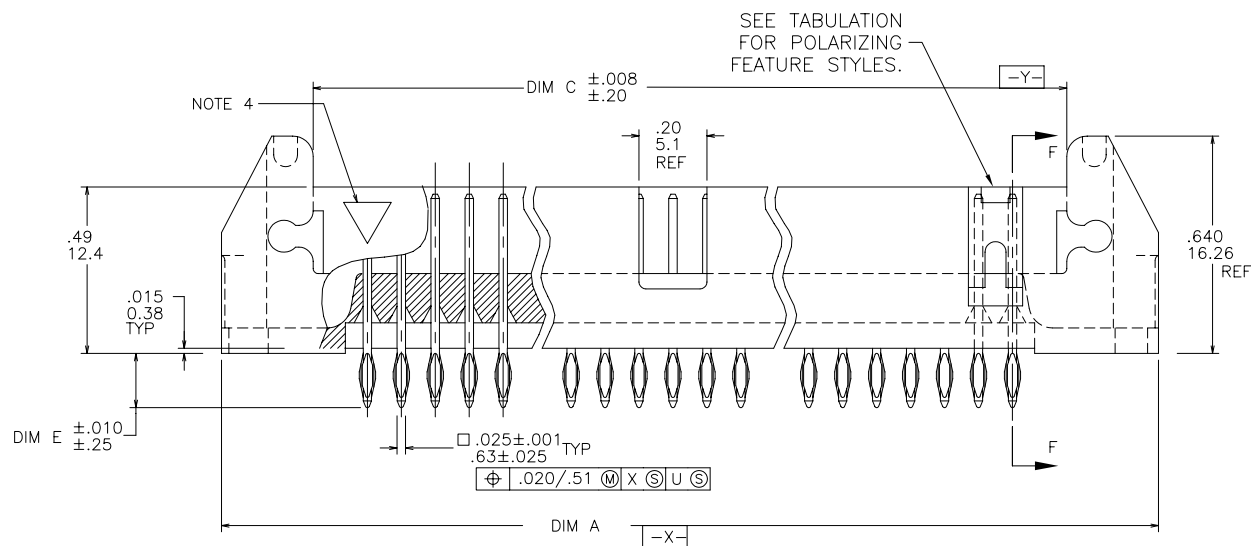




NOTE 6



SCALE 20/1

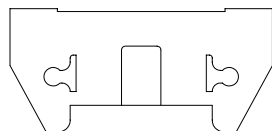


|             |  |          |  |                       |  |          |  |                                       |  |            |  |                                                                                       |  |                                                                                       |  |                                        |  |        |  |    |  |               |  |    |  |      |  |    |  |
|-------------|--|----------|--|-----------------------|--|----------|--|---------------------------------------|--|------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------------|--|--------|--|----|--|---------------|--|----|--|------|--|----|--|
| mat'l. code |  |          |  | surface<br>ISO 1302 ✓ |  |          |  | tolerance<br>ISO 406<br>ISO 1101      |  |            |  |  |  |                                                                                       |  | product family<br>QUICKIE              |  |        |  |    |  |               |  |    |  |      |  |    |  |
| litr        |  | ecn no   |  | dr                    |  | date     |  | tolerances unless otherwise specified |  |            |  |                                                                                       |  |                                                                                       |  | title                                  |  |        |  |    |  |               |  |    |  |      |  |    |  |
| AA          |  | V01853   |  | MEM                   |  | 7/27/00  |  | angles                                |  | linear     |  | .XX±.01/.3                                                                            |  | INCH/MM                                                                               |  | P.F. HDR. ASSEMBLY<br>SEA HORSE 4 WALL |  |        |  |    |  |               |  |    |  |      |  |    |  |
| AB          |  | V02910   |  | MEM                   |  | 12/05/00 |  |                                       |  |            |  | .xxx±.005/.13                                                                         |  |                                                                                       |  |                                        |  |        |  |    |  |               |  |    |  |      |  |    |  |
| AC          |  | V20526   |  | RGD                   |  | 3/18/02  |  | 0'±2'                                 |  |            |  | .xxx±.0020/.051                                                                       |  | scale 1:1                                                                             |  |                                        |  |        |  |    |  |               |  |    |  |      |  |    |  |
| AD          |  | V21355   |  | GIP                   |  | 9/05/02  |  | dr                                    |  | M. CLOUSER |  | 3/01/90                                                                               |  |  |  |                                        |  | dwg no |  |    |  | sheet 1 of 13 |  |    |  | size |  |    |  |
| AE          |  | V21485   |  | GIP                   |  | 9/23/02  |  | enrg                                  |  | M. SMYK    |  | 3/01/90                                                                               |  |                                                                                       |  |                                        |  | 68710  |  |    |  | A.            |  |    |  |      |  |    |  |
| AF          |  | M05-0204 |  | MHT                   |  | 11/09/05 |  | chr                                   |  | M. SMYK    |  | 3/01/90                                                                               |  |                                                                                       |  |                                        |  |        |  |    |  |               |  |    |  |      |  |    |  |
| AG          |  | M07-0116 |  | AGS                   |  | 2/24/07  |  | appd                                  |  | M. SMYK    |  | 3/01/90                                                                               |  |                                                                                       |  |                                        |  |        |  |    |  |               |  |    |  |      |  |    |  |
| sheet       |  | revision |  | AG                    |  | AG       |  | AG                                    |  | AG         |  | AG                                                                                    |  | AG                                                                                    |  | AG                                     |  | AG     |  | AG |  | AG            |  | AG |  | AG   |  | AG |  |
| index       |  | sheet    |  | 1                     |  | 2        |  | 3                                     |  | 4          |  | 5                                                                                     |  | 6                                                                                     |  | 7                                      |  | 8      |  | 9  |  | 10            |  | 11 |  | 12   |  | 13 |  |

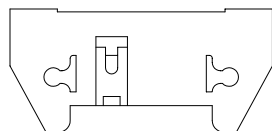
|     | PLATING                                | NOTE 6  |
|-----|----------------------------------------|---------|
| 1   | 30u"/.76u Au OVER 50u "/1.27u Ni       | NOTE 14 |
| 2   | 30u"/.76u GXT/GOLD FLASH               | NOTE 14 |
| 4   | 30u"/.76u GXT DUPLEX                   |         |
| 4LF | 30u"/.76u GXT & 100u"/2.54u Sn DUPLEX  |         |
| 5   | 30u"/.76u GOLD DUPLEX                  |         |
| 5LF | 30u"/.76u GOLD & 100u"/2.54u Sn DUPLEX |         |

# NOTES:

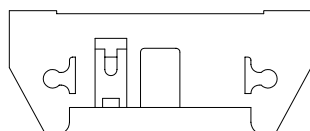
1. BODY MATERIAL; 30% GLASS FILLED POLYESTER  
FLAME RETARDANT PER UL 94-V0 COLOR-BLUE.  
-1XX TO -6XX BLUE PBT  
-7XX TO -9XX GREY PBT
2. UNLESS OTHERWISE SPECIFIED, 1° MAX DRAFT  
PERMISSIBLE ON ALL SURFACES.
- ③ DIM B BASIC DIM SHALL BE LOCATED SYMMETRICAL  
TO DATUM -Y-.
4. TRIANGLE, LOGO, & PART NO. AND THEIR LOCATIONS OPTIONAL.
- ⑤ PIN MATERIAL; 3/4 HD. PHOSPHOR BRONZE ALLOY  
UNS-C51000.
- ⑥ TWO NON-CRITICAL SIDES OF TIPS NOT PLATED.  
TYP BOTH ENDS.
7. RECOMMENDED MOUNTING SCREW - #2-56 FILLISTER  
HEAD MACHINE SCREW .25/6.35 LONG FOR  
.063/1.58 & .094/2.38 BOARDS, .313/7.93 LONG  
FOR .125/3.18 BOARDS.
8. 3 LBS/1.36 KG PIN RETENTION IN BOTH DIRECTIONS.
9. LOW PROFILE LATCHES TO BE USED WITH FEMALE  
CONNECTOR WITHOUT STRAIN RELIEF STANDARD  
LATCHES TO BE USED WITH FEMALE CONNECTORS  
WITH STRAIN RELIEF.
- ⑩ ADD AN "A" AFTER THE 8 DIGIT PART NUMBER FOR  
CUSTOMER SPECIAL.
11. RECOMMENDED PLATED-THRU-HOLE DIMENSIONS ARE:  
DRILLED HOLE: .0453/1.151±.0010/.025 DIA  
COPPER PLATING THICKNESS .001/.025 TO .003/.076  
SOLDER PLATING THICKNESS: .0003/.076 TO .0007/.0178  
OVERALL HOLE SIZE: .040/1.016±.003/.076 DIA
- ⑫ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑬ THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑭ PLATING OPTIONS:  
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
15. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER  
PROCESS.



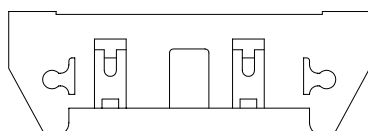
2x5  
STYLE A



2x5  
STYLE B



2x7  
STYLE C



2 X 8 & LARGER  
STYLE D

|             |          |    |    |            |                                       |                    |                               |  |  |  |
|-------------|----------|----|----|------------|---------------------------------------|--------------------|-------------------------------|--|--|--|
| mat'l. code |          |    |    | surface    | tolerance                             | projection         | product family                |  |  |  |
|             |          |    |    | ISO 1302 ✓ | ISO 406<br>ISO 1101                   |                    | QUICKIE                       |  |  |  |
| ltr         | ecn      | no | dr | date       | tolerances unless otherwise specified |                    | title                         |  |  |  |
| AG          |          |    |    |            | angles                                | .XX±.01/.3         | INCH/MM                       |  |  |  |
|             |          |    |    |            | linear                                | .XXX±.005/.13      |                               |  |  |  |
|             |          |    |    |            | 0°±2'                                 | .XXXX±.0020/.051   | scale 1:1                     |  |  |  |
|             |          |    |    |            | dr                                    | M. CLOUSER 3/01/90 |                               |  |  |  |
|             |          |    |    |            | enr                                   | M. SMYK 3/01/90    |                               |  |  |  |
|             |          |    |    |            | chr                                   | M. SMYK 3/01/90    |                               |  |  |  |
|             |          |    |    |            | appd                                  | M. SMYK 3/01/90    |                               |  |  |  |
| sheet       | revision |    |    |            |                                       |                    | dwg no                        |  |  |  |
| index       | sheet    |    |    |            |                                       |                    | 68710                         |  |  |  |
|             |          |    |    |            |                                       |                    | sheet2 of13size               |  |  |  |
|             |          |    |    |            |                                       |                    | A3                            |  |  |  |
|             |          |    |    |            |                                       |                    | type Product Customer Drawing |  |  |  |

|                |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  |            |  |             |  |                       |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------|--|-------|--|-------|--|-------------|--|------------|--|------------|--|------------|---|-------------|--|------------|--|-------------|--|-----------------------|--|------------------|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|
| 1              |  |       |  |       |  |             |  |            |  |            |  |            | 2 |             |  |            |  |             |  |                       |  |                  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |
| PRODUCT NUMBER |  | SIZE  |  | STYLE |  | LATCH       |  | DIM A      |  | DIM B      |  | DIM C      |   | DIM D       |  | DIM E      |  | PIN PLATING |  | LEAD FREE PIN PLATING |  | LEAD FREE OPTION |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| 68710-001      |  | 2 X 5 |  | A     |  | NONE        |  | 1.26/32.00 |  | .400/10.16 |  | .720/18.28 |   | 1.100/27.94 |  | .160/4.06  |  | 1           |  | 1                     |  | NOTE 12          |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -002           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -003           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -004           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -005           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -006           |  |       |  |       |  | NONE        |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -007           |  |       |  |       |  | STD.        |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -008           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -009           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -010           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -011           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -012           |  |       |  |       |  | STD.        |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -013           |  |       |  |       |  | LOW PROFILE |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -014           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -015           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -016           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -017           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -018           |  |       |  | A     |  | LOW PROFILE |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -019           |  |       |  | B     |  | NONE        |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -020           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -021           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -022           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -023           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -024           |  |       |  |       |  | NONE        |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -025           |  |       |  |       |  | STD.        |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -026           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -027           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -028           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -029           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -030           |  |       |  |       |  | STD.        |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -031           |  |       |  |       |  | LOW PROFILE |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -032           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .160/4.06  |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -033           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -034           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .610/15.49 |  | 2           |  | 2                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| -035           |  |       |  |       |  |             |  |            |  |            |  |            |   |             |  | .733/18.62 |  | 1           |  | 1                     |  |                  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |
| 68710-036      |  | 2 X 5 |  | B     |  | LOW PROFILE |  | 1.26/32.00 |  | .400/10.16 |  | .720/18.28 |   | 1.100/27.94 |  | .733/18.62 |  | 2           |  | 2                     |  | NOTE 12          |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |

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| PRODUCT NUMBER | SIZE  | STYLE | LATCH       | DIM A      | DIM B      | DIM C       | DIM D       | DIM E      | PIN PLATING<br>SEE SHT. 2 | LEAD FREE<br>PIN PLATING | LEAD FREE<br>OPTION |
|----------------|-------|-------|-------------|------------|------------|-------------|-------------|------------|---------------------------|--------------------------|---------------------|
| 68710-037      | 2 X 7 | C     | NONE        | 1.46/37.08 | .600/15.24 | .920/23.37  | 1.300/33.02 | .160/4.06  | 1                         | 1                        | NOTE 12             |
| -038           |       |       |             |            |            |             |             | .160/4.06  | 2                         | 2                        |                     |
| -039           |       |       |             |            |            |             |             | .610/15.49 | 1                         | 1                        |                     |
| -040           |       |       |             |            |            |             |             | .610/15.49 | 2                         | 2                        |                     |
| -041           |       |       |             |            |            |             |             | .733/18.62 | 1                         | 1                        |                     |
| -042           |       |       | NONE        |            |            |             |             | .733/18.62 | 2                         | 2                        |                     |
| -043           |       |       | STD.        |            |            |             |             | .160/4.06  | 1                         | 1                        |                     |
| -044           |       |       |             |            |            |             |             | .160/4.06  | 2                         | 2                        |                     |
| -045           |       |       |             |            |            |             |             | .610/15.49 | 1                         | 1                        |                     |
| -046           |       |       |             |            |            |             |             | .610/15.49 | 2                         | 2                        |                     |
| -047           |       |       |             |            |            |             |             | .733/18.62 | 1                         | 1                        |                     |
| -048           |       |       | STD.        |            |            |             |             | .733/18.62 | 2                         | 2                        |                     |
| -049           |       |       | LOW PROFILE |            |            |             |             | .160/4.06  | 1                         | 1                        |                     |
| -050           |       |       |             |            |            |             |             | .160/4.06  | 2                         | 2                        |                     |
| -051           |       |       |             |            |            |             |             | .610/15.49 | 1                         | 1                        |                     |
| -052           |       |       |             |            |            |             |             | .610/15.49 | 2                         | 2                        |                     |
| -053           |       |       |             |            |            |             |             | .733/18.62 | 1                         | 1                        |                     |
| -054           | 2 X 7 | C     | LOW PROFILE | 1.46/37.08 | .600/15.24 | .920/23.37  | 1.300/33.02 | .733/18.62 | 2                         | 2                        |                     |
| -055           | 2 X 8 | D     | NONE        | 1.56/39.62 | .700/17.78 | 1.020/25.91 | 1.400/35.56 | .160/4.06  | 1                         | 1                        |                     |
| -056           |       |       |             |            |            |             |             | .160/4.06  | 2                         | 2                        |                     |
| -057           |       |       |             |            |            |             |             | .610/15.49 | 1                         | 1                        |                     |
| -058           |       |       |             |            |            |             |             | .610/15.49 | 2                         | 2                        |                     |
| -059           |       |       |             |            |            |             |             | .733/18.62 | 1                         | 1                        |                     |
| -060           |       |       | NONE        |            |            |             |             | .733/18.62 | 2                         | 2                        | NOTE 12             |
| -061           |       |       | STD.        |            |            |             |             | .160/4.06  | 1                         | 1                        |                     |
| -062           |       |       |             |            |            |             |             | .160/4.06  | 2                         | 2                        |                     |
| -063           |       |       |             |            |            |             |             | .610/15.49 | 1                         | 1                        |                     |
| -064           |       |       |             |            |            |             |             | .610/15.49 | 2                         | 2                        |                     |
| -065           |       |       |             |            |            |             |             | .733/18.62 | 1                         | 1                        |                     |
| -066           |       |       | STD.        |            |            |             |             | .733/18.62 | 2                         | 2                        |                     |
| -067           |       |       | LOW PROFILE |            |            |             |             | .160/4.06  | 1                         | 1                        |                     |
| -068           |       |       |             |            |            |             |             | .160/4.06  | 2                         | 2                        |                     |
| -069           |       |       |             |            |            |             |             | .610/15.49 | 1                         | 1                        |                     |
| -070           |       |       |             |            |            |             |             | .610/15.49 | 2                         | 2                        |                     |
| -071           |       |       |             |            |            |             |             | .733/18.62 | 1                         | 1                        |                     |
| 68710-072      | 2 X 8 | D     | LOW PROFILE | 1.56/39.62 | .700/17.78 | 1.020/25.91 | 1.400/35.56 | .733/18.62 | 2                         | 2                        | NOTE 12             |

|             |                |    |    |                                                         |                                       |                                  |                   |                |                                                 |                           |  |
|-------------|----------------|----|----|---------------------------------------------------------|---------------------------------------|----------------------------------|-------------------|----------------|-------------------------------------------------|---------------------------|--|
| mat'l. code |                |    |    | surface<br>ISO 1302 <input checked="" type="checkbox"/> |                                       | tolerance<br>ISO 406<br>ISO 1101 |                   | projection<br> |                                                 | product family<br>QUICKIE |  |
| ltr         | ecn            | no | dr | date                                                    | tolerances unless otherwise specified |                                  | linear .XX±.01/.3 |                | title<br>P.F. HDR. ASSEMBLY<br>SEA HORSE 4 WALL |                           |  |
| AG          |                |    |    |                                                         | angles                                | linear .XXX±.005/.13             | INCH/MM           |                | sheet4 of13size                                 |                           |  |
|             |                |    |    |                                                         | 0°±2°                                 | .XXXX±.0020/.051                 | scale 1:1         |                | A3                                              |                           |  |
|             |                |    |    |                                                         | dr                                    | M. CLOUSER                       | 3/01/90           | type           |                                                 | Product Customer Drawing  |  |
|             |                |    |    |                                                         | enr                                   | M. SMYK                          | 3/01/90           |                |                                                 |                           |  |
|             |                |    |    |                                                         | chr                                   | M. SMYK                          | 3/01/90           |                |                                                 |                           |  |
|             |                |    |    |                                                         | appd                                  | M. SMYK                          | 3/01/90           |                |                                                 |                           |  |
| sheet index | revision sheet |    |    |                                                         |                                       |                                  |                   |                |                                                 |                           |  |



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| PRODUCT<br>NUMBER | SIZE   | STYLE | LATCH       | DIM A      | DIM B       | DIM C       | DIM D       | DIM E      | PIN PLATING | LEAD FREE<br>PIN PLATING | LEAD FREE<br>OPTION |
|-------------------|--------|-------|-------------|------------|-------------|-------------|-------------|------------|-------------|--------------------------|---------------------|
| 68710-073         | 2 X 10 | D     | NONE        | 1.76/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 | .160/4.06  | 1           | 1                        | NOTE 12             |
| -074              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -075              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -076              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -077              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -078              |        |       | NONE        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -079              |        |       | STD.        |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -080              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -081              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -082              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -083              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -084              |        |       | STD.        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -085              |        |       | LOW PROFILE |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -086              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -087              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -088              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -089              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -090              | 2 X 10 | D     | LOW PROFILE | 1.76/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 | .733/18.62 | 2           | 2                        |                     |
| -091              | 2 X 12 | D     | NONE        | 1.96/49.78 | 1.100/27.94 | 1.420/36.07 | 1.800/45.72 | .160/4.06  | 1           | 1                        | NOTE 12             |
| -092              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -093              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -094              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -095              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -096              |        |       | NONE        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -097              |        |       | STD.        |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -098              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -099              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -100              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -101              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        | NOTE 12             |
| -102              |        |       | STD.        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -103              |        |       | LOW PROFILE |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -104              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -105              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -106              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -107              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| 68710-108         | 2 X 12 | D     | LOW PROFILE | 1.96/49.78 | 1.100/27.94 | 1.420/36.07 | 1.800/45.72 | .733/18.62 | 2           | 2                        |                     |

|                |  |                   |  |                       |  |                                  |  |                             |  |                                        |  |
|----------------|--|-------------------|--|-----------------------|--|----------------------------------|--|-----------------------------|--|----------------------------------------|--|
| mat'l. code    |  |                   |  | surface<br>ISO 1302 ✓ |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br>              |  | product family<br>QUICKIE              |  |
| ltr            |  |                   |  | ecn no                |  | dr                               |  | date                        |  | title                                  |  |
| AG             |  |                   |  |                       |  |                                  |  |                             |  | P.F. HDR. ASSEMBLY<br>SEA HORSE 4 WALL |  |
|                |  |                   |  | angles                |  | linear                           |  | .XX±.01/.3<br>.XXX±.005/.13 |  | INCH/MM                                |  |
|                |  |                   |  | 0°±2'                 |  |                                  |  | .XXXX±.0020/.051            |  | scale 1:1                              |  |
|                |  |                   |  | dr                    |  | M. CLOUSER                       |  | 3/01/90                     |  | dwg no                                 |  |
|                |  |                   |  | enrg                  |  | M. SMYK                          |  | 3/01/90                     |  | sheet5 of13size                        |  |
|                |  |                   |  | chr                   |  | M. SMYK                          |  | 3/01/90                     |  | A3                                     |  |
|                |  |                   |  | appd                  |  | M. SMYK                          |  | 3/01/90                     |  | type Product Customer Drawing          |  |
| sheet<br>index |  | revision<br>sheet |  |                       |  |                                  |  |                             |  |                                        |  |



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| PRODUCT NUMBER | SIZE   | STYLE | LATCH       | DIM A      | DIM B       | DIM C       | DIM D       | DIM E      | PIN PLATING | LEAD FREE PIN PLATING | LEAD FREE OPTION |  |
|----------------|--------|-------|-------------|------------|-------------|-------------|-------------|------------|-------------|-----------------------|------------------|--|
| 68710-109      | 2 X 13 | D     | NONE        | 2.06/52.32 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 | .160/4.06  | 1           | 1                     | NOTE 12          |  |
| -110           |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                     |                  |  |
| -111           |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                     |                  |  |
| -112           |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                     |                  |  |
| -113           |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                     |                  |  |
| -114           |        |       | NONE        |            |             |             |             | .733/18.62 | 2           | 2                     |                  |  |
| -115           |        |       | STD.        |            |             |             |             | .160/4.06  | 1           | 1                     |                  |  |
| -116           |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                     |                  |  |
| -117           |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                     |                  |  |
| -118           |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                     |                  |  |
| -119           |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                     |                  |  |
| -120           |        |       | STD.        |            |             |             |             | .733/18.62 | 2           | 2                     |                  |  |
| -121           |        |       | LOW PROFILE |            |             |             |             | .160/4.06  | 1           | 1                     |                  |  |
| -122           |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                     |                  |  |
| -123           |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                     |                  |  |
| -124           |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                     |                  |  |
| -125           |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                     |                  |  |
| -126           | 2 X 13 | D     | LOW PROFILE | 2.06/52.32 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 | .733/18.62 | 2           | 2                     |                  |  |
| -127           | 2 X 15 | D     | NONE        | 2.26/57.40 | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 | .160/4.06  | 1           | 1                     |                  |  |
| -128           |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                     |                  |  |
| -129           |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                     |                  |  |
| -130           |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                     |                  |  |
| -131           |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                     | NOTE 12          |  |
| -132           |        |       | NONE        |            |             |             |             | .733/18.62 | 2           | 2                     |                  |  |
| -133           |        |       | STD.        |            |             |             |             | .160/4.06  | 1           | 1                     |                  |  |
| -134           |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                     |                  |  |
| -135           |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                     |                  |  |
| -136           |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                     |                  |  |
| -137           |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                     |                  |  |
| -138           |        |       | STD.        |            |             |             |             | .733/18.62 | 2           | 2                     |                  |  |
| -139           |        |       | LOW PROFILE |            |             |             |             | .160/4.06  | 1           | 1                     |                  |  |
| -140           |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                     |                  |  |
| -141           |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                     |                  |  |
| -142           |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                     |                  |  |
| -143           |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                     |                  |  |
| 68710-144      | 2 X 15 | D     | LOW PROFILE | 2.26/57.40 | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 | .733/18.62 | 2           | 2                     | NOTE 12          |  |

|             |                |                       |      |                                       |                                                 |                |      |                                        |                          |
|-------------|----------------|-----------------------|------|---------------------------------------|-------------------------------------------------|----------------|------|----------------------------------------|--------------------------|
| mat'l. code |                | surface<br>ISO 1302 ✓ |      | tolerance<br>ISO 406<br>ISO 1101      |                                                 | projection<br> |      | product family<br>QUICKIE              |                          |
| ltr         | ecn no         | dr                    | date | tolerances unless otherwise specified |                                                 |                |      | title                                  |                          |
| AG          |                |                       |      | angles                                | linear                                          | INCH/MM        |      | P.F. HDR. ASSEMBLY<br>SEA HORSE 4 WALL |                          |
|             |                |                       |      | 0°±2'                                 | .XX±.01/.3<br>.XXX±.005/.13<br>.XXXX±.0020/.051 | scale 1:1      |      | dwg no sheet6 of13size                 |                          |
|             |                |                       |      | dr                                    | M. CLOUSER                                      | 3/01/90        |      |                                        | A3                       |
|             |                |                       |      | enr                                   | M. SMYK                                         | 3/01/90        |      |                                        |                          |
|             |                |                       |      | chr                                   | M. SMYK                                         | 3/01/90        |      |                                        |                          |
|             |                |                       |      | appd                                  | M. SMYK                                         | 3/01/90        | type |                                        | Product Customer Drawing |
| sheet index | revision sheet |                       |      |                                       |                                                 |                |      |                                        |                          |



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| PRODUCT<br>NUMBER | SIZE   | STYLE | LATCH       | DIM A      | DIM B       | DIM C       | DIM D       | DIM E      | PIN PLATING | LEAD FREE<br>PIN PLATING | LEAD FREE<br>OPTION |
|-------------------|--------|-------|-------------|------------|-------------|-------------|-------------|------------|-------------|--------------------------|---------------------|
| 68710-145         | 2 X 17 | D     | NONE        | 2.46/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 | .160/4.06  | 1           | 1                        | NOTE 12             |
| -146              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -147              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -148              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -149              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -150              |        |       | NONE        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -151              |        |       | STD.        |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -152              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -153              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -154              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -155              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -156              |        |       | STD.        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -157              |        |       | LOW PROFILE |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -158              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -159              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -160              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -161              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -162              | 2 X 17 | D     | LOW PROFILE | 2.46/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 | .733/18.62 | 2           | 2                        |                     |
| -163              | 2 X 20 | D     | NONE        | 2.76/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 | .160/4.06  | 1           | 1                        |                     |
| -164              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -165              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -166              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -167              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        | NOTE 12             |
| -168              |        |       | NONE        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -169              |        |       | STD.        |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -170              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -171              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -172              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -173              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -174              |        |       | STD.        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -175              |        |       | LOW PROFILE |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -176              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -177              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -178              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -179              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| 68710-180         | 2 X 20 | D     | LOW PROFILE | 2.76/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 | .733/18.62 | 2           | 2                        | NOTE 12             |

|             |  |  |  |                       |  |                                  |  |                                                 |  |                                        |  |
|-------------|--|--|--|-----------------------|--|----------------------------------|--|-------------------------------------------------|--|----------------------------------------|--|
| mat'l. code |  |  |  | surface<br>ISO 1302 ✓ |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br>                                  |  | product family<br>QUICKIE              |  |
| ltr         |  |  |  | ecn no                |  | dr                               |  | date                                            |  | title                                  |  |
| AG          |  |  |  |                       |  |                                  |  |                                                 |  | P.F. HDR. ASSEMBLY<br>SEA HORSE 4 WALL |  |
|             |  |  |  | angles                |  | linear                           |  | .XX±.01/.3<br>.XXX±.005/.13<br>.XXXX±.0020/.051 |  | INCH/MM                                |  |
|             |  |  |  | 0°±2'                 |  |                                  |  |                                                 |  | scale 1:1                              |  |
|             |  |  |  | dr                    |  | M. CLOUSER                       |  | 3/01/90                                         |  | dwg no                                 |  |
|             |  |  |  | enr                   |  | M. SMYK                          |  | 3/01/90                                         |  | sheet 7 of 13                          |  |
|             |  |  |  | chr                   |  | M. SMYK                          |  | 3/01/90                                         |  | size                                   |  |
|             |  |  |  | appd                  |  | M. SMYK                          |  | 3/01/90                                         |  | A3                                     |  |
| sheet index |  |  |  | revision sheet        |  |                                  |  |                                                 |  | type Product Customer Drawing          |  |



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| PRODUCT<br>NUMBER | SIZE   | STYLE | LATCH       | DIM A      | DIM B       | DIM C       | DIM D       | DIM E      | PIN PLATING | LEAD FREE<br>PIN PLATING | LEAD FREE<br>OPTION |
|-------------------|--------|-------|-------------|------------|-------------|-------------|-------------|------------|-------------|--------------------------|---------------------|
| 68710-181         | 2 X 22 | D     | NONE        | 2.96/75.18 | 2.100/53.34 | 2.420/61.47 | 2.800/71.12 | .160/4.06  | 1           | 1                        | NOTE 12             |
| -182              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -183              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -184              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -185              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -186              |        |       | NONE        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -187              |        |       | STD.        |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -188              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -189              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -190              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -191              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -192              |        |       | STD.        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -193              |        |       | LOW PROFILE |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -194              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -195              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -196              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -197              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -198              | 2 X 22 | D     | LOW PROFILE | 2.96/75.18 | 2.100/53.34 | 2.420/61.47 | 2.800/71.12 | .733/18.62 | 2           | 2                        |                     |
| -199              | 2 X 25 | D     | NONE        | 3.26/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 | .160/4.06  | 1           | 1                        |                     |
| -200              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -201              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -202              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -203              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -204              |        |       | NONE        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -205              |        |       | STD.        |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -206              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -207              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -208              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -209              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| -210              |        |       | STD.        |            |             |             |             | .733/18.62 | 2           | 2                        |                     |
| -211              |        |       | LOW PROFILE |            |             |             |             | .160/4.06  | 1           | 1                        |                     |
| -212              |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                        |                     |
| -213              |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                        |                     |
| -214              |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                        |                     |
| -215              |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                        |                     |
| 68710-216         | 2 X 25 | D     | LOW PROFILE | 3.26/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 | .733/18.62 | 2           | 2                        | NOTE 12             |

|                |  |                   |  |                       |  |                                  |  |                |  |                               |  |
|----------------|--|-------------------|--|-----------------------|--|----------------------------------|--|----------------|--|-------------------------------|--|
| mat'l. code    |  |                   |  | surface<br>ISO 1302 ✓ |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br> |  | product family<br>QUICKIE     |  |
| ltr            |  |                   |  | ecn                   |  | no                               |  | dr             |  | date                          |  |
| AG             |  |                   |  | angles                |  | linear                           |  | linear         |  | INCH/MM                       |  |
|                |  |                   |  | 0°±2'                 |  |                                  |  |                |  | scale 1:1                     |  |
|                |  |                   |  | dr                    |  | M. CLOUSER                       |  | 3/01/90        |  | sheet8 of13size               |  |
|                |  |                   |  | enr                   |  | M. SMYK                          |  | 3/01/90        |  | A3                            |  |
|                |  |                   |  | chr                   |  | M. SMYK                          |  | 3/01/90        |  | type Product Customer Drawing |  |
|                |  |                   |  | appd                  |  | M. SMYK                          |  | 3/01/90        |  |                               |  |
| sheet<br>index |  | revision<br>sheet |  |                       |  |                                  |  |                |  |                               |  |





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| PRODUCT NUMBER | SIZE   | STYLE | LATCH       | DIM A      | DIM B       | DIM C       | DIM D       | DIM E      | PIN PLATING | LEAD FREE PIN PLATING | LEAD FREE OPTION |
|----------------|--------|-------|-------------|------------|-------------|-------------|-------------|------------|-------------|-----------------------|------------------|
| 68710-217      | 2 X 30 | D     | NONE        | 3.76/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 | .160/4.06  | 1           | 1                     | NOTE 12          |
| -218           |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                     |                  |
| -219           |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                     |                  |
| -220           |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                     |                  |
| -221           |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                     |                  |
| -222           |        |       | NONE        |            |             |             |             | .733/18.62 | 2           | 2                     |                  |
| -223           |        |       | STD.        |            |             |             |             | .160/4.06  | 1           | 1                     |                  |
| -224           |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                     |                  |
| -225           |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                     |                  |
| -226           |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                     |                  |
| -227           |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                     |                  |
| -228           |        |       | STD.        |            |             |             |             | .733/18.62 | 2           | 2                     |                  |
| -229           |        |       | LOW PROFILE |            |             |             |             | .160/4.06  | 1           | 1                     |                  |
| -230           |        |       |             |            |             |             |             | .160/4.06  | 2           | 2                     |                  |
| -231           |        |       |             |            |             |             |             | .610/15.49 | 1           | 1                     |                  |
| -232           |        |       |             |            |             |             |             | .610/15.49 | 2           | 2                     |                  |
| -233           |        |       |             |            |             |             |             | .733/18.62 | 1           | 1                     |                  |
| -234           | 2 X 30 | D     | LOW PROFILE | 3.76/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 | .733/18.62 | 2           | 2                     |                  |
| -235           | 2 X 5  | A     | STD.        | 1.26/32.00 | .400/10.16  | .720/18.28  | 1.100/27.94 | .250/6.35  | 2           | 2                     |                  |
| -236           | 2 X 8  | D     |             | 1.56/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |            |             |                       |                  |
| -237           | 2 X 10 |       |             | 1.76/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |            |             |                       |                  |
| -238           | 2 X 13 |       |             | 2.06/52.34 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |            |             |                       |                  |
| -239           | 2 X 17 |       |             | 2.46/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |            |             |                       |                  |
| -240           | 2 X 20 |       |             | 2.76/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |            |             |                       |                  |
| -241           | 2 X 25 |       |             | 3.26/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |            |             |                       |                  |
| -242           | 2 X 30 | D     | STD.        | 3.76/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 |            |             |                       |                  |
| -243           | 2 X 15 | D     | STD.        | 2.26/57.40 | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 |            |             |                       |                  |
| -244           | 2 X 5  | A     | NONE        | 1.26/32.00 | .400/10.16  | .720/18.28  | 1.100/27.94 |            |             |                       |                  |
| -245           | 2 X 8  | D     |             | 1.56/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |            |             |                       |                  |
| -246           | 2 X 10 |       |             | 1.76/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |            |             |                       |                  |
| -247           | 2 X 13 |       |             | 2.06/52.34 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |            |             |                       |                  |
| -248           | 2 X 17 |       |             | 2.46/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |            |             |                       |                  |
| -249           | 2 X 20 |       |             | 2.76/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |            |             |                       |                  |
| -250           | 2 X 25 |       |             | 3.26/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |            |             |                       |                  |
| 68710-251      | 2 X 30 |       |             | 3.76/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 | .250/6.35  | 2           | 2                     | NOTE 12          |

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|             |  |                       |  |                                  |  |                |  |                                        |  |
|-------------|--|-----------------------|--|----------------------------------|--|----------------|--|----------------------------------------|--|
| mat'l. code |  | surface<br>ISO 1302 ✓ |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br> |  | product family<br>QUICKIE              |  |
| ltr         |  | ecn no                |  | dr                               |  | date           |  | title                                  |  |
| AG          |  |                       |  |                                  |  |                |  | P.F. HDR. ASSEMBLY<br>SEA HORSE 4 WALL |  |
|             |  |                       |  |                                  |  |                |  | scale 1:1                              |  |
|             |  |                       |  |                                  |  |                |  | sheet9 of13size                        |  |
|             |  |                       |  |                                  |  |                |  | A3                                     |  |
|             |  |                       |  |                                  |  |                |  | type Product Customer Drawing          |  |
| sheet index |  | revision sheet        |  |                                  |  |                |  |                                        |  |

tolerances unless otherwise specified  
linear .XX±.01/.3  
angular .XXX±.005/.13  
0°±2'  
dr M. CLOUSER 3/01/90  
enr M. SMYK 3/01/90  
chr M. SMYK 3/01/90  
appd M. SMYK 3/01/90

| PRODUCT<br>NUMBER | SIZE   | STYLE | LATCH | DIM A      | DIM B       | DIM C       | DIM D       | DIM E     | PIN PLATING | LEAD FREE<br>PIN PLATING | POLARIZED<br>MISSING PIN | LEAD FREE<br>OPTION |
|-------------------|--------|-------|-------|------------|-------------|-------------|-------------|-----------|-------------|--------------------------|--------------------------|---------------------|
| 68710-252         | 2 x 15 | D     | NONE  | 2.26/57.40 | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 | .250/6.35 | 2           | 2                        |                          | NOTE 12             |
| 68710-253         | 2 X 20 | D     | STD.  | 2.76/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 | .160/4.06 | 2           | 2                        | PIN #20                  | NOTE 12             |
| 68710-309         | 2 x 5  | B     | STD.  | 1.26/32.00 | .400/10.16  | .720/18.28  | 1.100/27.94 | .160/4.06 | 1           | 1                        | PIN #1                   | NOTE 12             |
| 68710-310         | 2 x 17 | D     | STD.  | 2.46/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 | .160/4.06 | 1           | 1                        | PIN #25                  | NOTE 12             |

|             |  |                |  |    |                                                         |      |                                  |                                       |                                                                                                     |            |                           |                  |       |                                                                                                  |  |                                        |  |  |  |  |  |  |  |
|-------------|--|----------------|--|----|---------------------------------------------------------|------|----------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------|------------|---------------------------|------------------|-------|--------------------------------------------------------------------------------------------------|--|----------------------------------------|--|--|--|--|--|--|--|
| mat'l. code |  |                |  |    | surface<br>ISO 1302 <input checked="" type="checkbox"/> |      | tolerance<br>ISO 406<br>ISO 1101 |                                       | projection<br> |            | product family<br>QUICKIE |                  |       |                                                                                                  |  |                                        |  |  |  |  |  |  |  |
| ltr         |  | ecn no         |  | dr |                                                         | date |                                  | tolerances unless otherwise specified |                                                                                                     |            |                           |                  | title |                                                                                                  |  |                                        |  |  |  |  |  |  |  |
| AG          |  |                |  |    |                                                         |      |                                  | angles                                |                                                                                                     | linear     |                           | .XX±.01/.3       |       | INCH/MM<br> |  | P.F. HDR. ASSEMBLY<br>SEA HORSE 4 WALL |  |  |  |  |  |  |  |
|             |  |                |  |    |                                                         |      |                                  | 0°±2°                                 |                                                                                                     |            |                           | .XXX±.005/.13    |       |                                                                                                  |  |                                        |  |  |  |  |  |  |  |
|             |  |                |  |    |                                                         |      |                                  |                                       |                                                                                                     |            |                           | .XXXX±.0020/.051 |       | scale 1:1                                                                                        |  | dwg no                                 |  |  |  |  |  |  |  |
|             |  |                |  |    |                                                         |      |                                  | dr                                    |                                                                                                     | M. CLOUSER |                           | 3/01/90          |       |             |  | sheet10 of13size                       |  |  |  |  |  |  |  |
|             |  |                |  |    |                                                         |      |                                  | enr                                   |                                                                                                     | M. SMYK    |                           | 3/01/90          |       |                                                                                                  |  | 68710                                  |  |  |  |  |  |  |  |
|             |  |                |  |    |                                                         |      |                                  | chr                                   |                                                                                                     | M. SMYK    |                           | 3/01/90          |       |                                                                                                  |  | A3                                     |  |  |  |  |  |  |  |
|             |  |                |  |    |                                                         |      |                                  | appd                                  |                                                                                                     | M. SMYK    |                           | 3/01/90          |       |                                                                                                  |  | type Product Customer Drawing          |  |  |  |  |  |  |  |
| sheet index |  | revision sheet |  |    |                                                         |      |                                  |                                       |                                                                                                     |            |                           |                  |       |                                                                                                  |  |                                        |  |  |  |  |  |  |  |



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| PRODUCT NUMBER | SIZE   | STYLE | LATCH       | DIM A       | DIM B       | DIM C       | DIM D       | DIM E     | PIN PLATING | LEAD FREE PIN PLATING | NOTES   | PIN REMOVED | LEAD FREE OPTION |
|----------------|--------|-------|-------------|-------------|-------------|-------------|-------------|-----------|-------------|-----------------------|---------|-------------|------------------|
| 68710-400      | 2 x 5  | A     | NONE        | 1.26/32.00  | .400/10.16  | .720/18.28  | 1.100/27.94 | .250/6.35 | 4           | 4LF                   |         |             | NOTE 12          |
| -401           | 2 x 7  | C     |             | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       |         |             |                  |
| -402           | 2 x 8  | D     |             | 1.56/39.62  | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       |         |             |                  |
| -403           | 2 x 10 |       |             | 1.76/44.70  | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       |         |             |                  |
| -404           | 2 x 12 |       |             | 1.960/49.78 | 1.100/27.94 | 1.420/36.07 | 1.800/45.72 |           |             |                       |         |             |                  |
| -405           | 2 x 13 |       |             | 2.06/52.34  | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |           |             |                       |         |             |                  |
| -406           | 2 x 15 |       |             | 2.26/57.40  | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 |           |             |                       |         |             |                  |
| -407           | 2 x 17 |       |             | 2.46/62.48  | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |           |             |                       |         |             |                  |
| -408           | 2 x 20 |       |             | 2.76/70.10  | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |           |             |                       |         |             |                  |
| -409           | 2 x 22 |       |             | 2.960/75.18 | 2.100/53.34 | 2.420/61.47 | 2.800/71.12 |           |             |                       |         |             |                  |
| -410           | 2 x 25 |       |             | 3.26/82.80  | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |           |             |                       |         |             |                  |
| -411           | 2 x 30 | D     | NONE        | 3.76/95.50  | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 |           |             |                       |         |             |                  |
| -420           | 2 x 5  | A     | STD.        | 1.26/32.00  | .400/10.16  | .720/18.28  | 1.100/27.94 |           |             |                       | NOTE 10 |             |                  |
| -421           | 2 x 7  | C     |             | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       | NOTE 10 |             |                  |
| -422           | 2 x 8  | D     |             | 1.56/39.62  | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       | NOTE 10 |             |                  |
| -423           | 2 x 10 |       |             | 1.76/44.70  | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       | NOTE 10 |             |                  |
| -424           | 2 x 12 |       |             | 1.960/49.78 | 1.100/27.94 | 1.420/36.07 | 1.800/45.72 |           |             |                       | NOTE 10 |             |                  |
| -425           | 2 x 13 |       |             | 2.06/52.34  | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |           |             |                       | NOTE 10 |             |                  |
| -426           | 2 x 15 |       |             | 2.26/57.40  | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 |           |             |                       | NOTE 10 |             |                  |
| -427           | 2 x 17 |       |             | 2.46/62.48  | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |           |             |                       | NOTE 10 |             |                  |
| -428           | 2 x 20 |       |             | 2.76/70.10  | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |           |             |                       | NOTE 10 |             |                  |
| -429           | 2 x 22 |       |             | 2.960/75.18 | 2.100/53.34 | 2.420/61.47 | 2.800/71.12 |           |             |                       | NOTE 10 |             |                  |
| -430           | 2 x 25 |       |             | 3.26/82.80  | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |           |             |                       | NOTE 10 |             |                  |
| -431           | 2 x 30 | D     | STD.        | 3.76/95.50  | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 |           |             |                       | NOTE 10 |             |                  |
| -440           | 2 x 5  | A     | LOW PROFILE | 1.26/32.00  | .400/10.16  | .720/18.28  | 1.100/27.94 |           |             |                       |         |             |                  |
| -441           | 2 x 7  | C     |             | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       |         |             |                  |
| -442           | 2 x 8  | D     |             | 1.56/39.62  | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       |         |             |                  |
| -443           | 2 x 10 |       |             | 1.76/44.70  | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       |         |             |                  |
| -444           | 2 x 12 |       |             | 1.960/49.78 | 1.100/27.94 | 1.420/36.07 | 1.800/45.72 |           |             |                       |         |             |                  |
| -445           | 2 x 13 |       |             | 2.06/52.34  | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |           |             |                       |         |             |                  |
| -446           | 2 x 15 |       |             | 2.26/57.40  | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 |           |             |                       |         |             |                  |
| -447           | 2 x 17 |       |             | 2.46/62.48  | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |           |             |                       |         |             |                  |
| -448           | 2 x 20 |       |             | 2.76/70.10  | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |           |             |                       |         |             |                  |
| -449           | 2 x 22 |       |             | 2.960/75.18 | 2.100/53.34 | 2.420/61.47 | 2.800/71.12 |           |             |                       |         |             |                  |
| -450           | 2 x 25 |       |             | 3.26/82.80  | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |           |             |                       |         |             |                  |
| -451           | 2 x 30 | D     | LOW PROFILE | 3.76/95.50  | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 | .250/6.35 | 4           | 4LF                   |         |             |                  |
| 68710-452      | 2 x 7  | C     | STD.        | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 | .160/4.06 | 1           |                       | NOTE 10 | 14          | NOTE 12          |

|             |  |                |  |                       |  |                                  |  |                                                 |  |                           |  |                                        |  |
|-------------|--|----------------|--|-----------------------|--|----------------------------------|--|-------------------------------------------------|--|---------------------------|--|----------------------------------------|--|
| mat'l. code |  |                |  | surface<br>ISO 1302 ✓ |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br>                                  |  | product family<br>QUICKIE |  |                                        |  |
| ltr         |  |                |  | ecn                   |  | no                               |  | dr                                              |  | date                      |  | title                                  |  |
| AG          |  |                |  |                       |  |                                  |  |                                                 |  |                           |  | P.F. HDR. ASSEMBLY<br>SEA HORSE 4 WALL |  |
|             |  |                |  | angles                |  | linear                           |  | .XX±.01/.3<br>.XXX±.005/.13<br>.XXXX±.0020/.051 |  | INCH/MM                   |  | scale 1:1                              |  |
|             |  |                |  | 0°±2'                 |  |                                  |  |                                                 |  |                           |  |                                        |  |
|             |  |                |  | dr                    |  | M. CLOUSER                       |  | 3/01/90                                         |  |                           |  | sheet11 of13size                       |  |
|             |  |                |  | enr                   |  | M. SMYK                          |  | 3/01/90                                         |  |                           |  | A3                                     |  |
|             |  |                |  | chr                   |  | M. SMYK                          |  | 3/01/90                                         |  |                           |  |                                        |  |
|             |  |                |  | appd                  |  | M. SMYK                          |  | 3/01/90                                         |  |                           |  |                                        |  |
| sheet index |  | revision sheet |  |                       |  |                                  |  |                                                 |  |                           |  |                                        |  |
|             |  |                |  |                       |  |                                  |  |                                                 |  |                           |  |                                        |  |



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| PRODUCT NUMBER | SIZE   | STYLE | LATCH       | DIM A       | DIM B       | DIM C       | DIM D       | DIM E     | PIN PLATING | LEAD FREE PIN PLATING | POSITION OMITTED                      | LEAD FREE OPTION |
|----------------|--------|-------|-------------|-------------|-------------|-------------|-------------|-----------|-------------|-----------------------|---------------------------------------|------------------|
| 68710-500      | 2 x 5  | A     | NONE        | 1.260/32.00 | .400/10.16  | .720/18.28  | 1.100/27.94 | .160/4.06 | 5           | 5LF                   |                                       | NOTE 12          |
| -501           | 2 x 7  | C     |             | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       |                                       |                  |
| -502           | 2 x 8  | D     |             | 1.560/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       |                                       |                  |
| -503           | 2 x 10 |       |             | 1.760/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       |                                       |                  |
| -504           | 2 x 12 |       |             | 1.960/49.78 | 1.100/27.49 | 1.420/36.07 | 1.800/45.72 |           |             |                       |                                       |                  |
| -505           | 2 x 13 |       |             | 2.060/52.34 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |           |             |                       |                                       |                  |
| -506           | 2 x 15 |       |             | 2.260/57.40 | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 |           |             |                       |                                       |                  |
| -507           | 2 x 17 |       |             | 2.460/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |           |             |                       |                                       |                  |
| -508           | 2 x 20 |       |             | 2.760/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |           |             |                       |                                       |                  |
| -509           | 2 x 22 |       |             | 2.960/75.18 | 2.100/53.34 | 2.420/61.47 | 2.800/71.12 |           |             |                       |                                       |                  |
| -510           | 2 x 25 |       |             | 3.260/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |           |             |                       |                                       |                  |
| -511           | 2 x 30 | D     | NONE        | 3.760/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 |           |             |                       |                                       |                  |
| -520           | 2 x 5  | A     | STD.        | 1.260/32.00 | .400/10.16  | .720/18.28  | 1.100/27.94 |           |             |                       |                                       |                  |
| -521           | 2 x 7  | C     |             | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       |                                       |                  |
| -522           | 2 x 8  | D     |             | 1.560/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       |                                       |                  |
| -523           | 2 x 10 |       |             | 1.760/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       |                                       |                  |
| -524           | 2 x 12 |       |             | 1.960/49.78 | 1.100/27.49 | 1.420/36.07 | 1.800/45.72 |           |             |                       |                                       |                  |
| -525           | 2 x 13 |       |             | 2.060/52.34 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |           |             |                       |                                       |                  |
| -526           | 2 x 15 |       |             | 2.260/57.40 | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 |           |             |                       |                                       |                  |
| -527           | 2 x 17 |       |             | 2.460/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |           |             |                       |                                       |                  |
| -528           | 2 x 20 |       |             | 2.760/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |           |             |                       |                                       |                  |
| -529           | 2 x 22 |       |             | 2.960/75.18 | 2.100/53.34 | 2.420/61.47 | 2.800/71.12 |           |             |                       |                                       |                  |
| -530           | 2 x 25 |       |             | 3.260/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |           |             |                       |                                       |                  |
| -531           | 2 x 30 | D     | STD.        | 3.760/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 |           |             |                       |                                       |                  |
| -540           | 2 x 5  | A     | LOW PROFILE | 1.260/32.00 | .400/10.16  | .720/18.28  | 1.100/27.94 |           |             |                       |                                       |                  |
| -541           | 2 x 7  | C     |             | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       |                                       |                  |
| -542           | 2 x 8  | D     |             | 1.560/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       |                                       |                  |
| -543           | 2 x 10 |       |             | 1.760/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       |                                       |                  |
| -544           | 2 x 12 |       |             | 1.960/49.78 | 1.100/27.49 | 1.420/36.07 | 1.800/45.72 |           |             |                       |                                       |                  |
| -545           | 2 x 13 |       |             | 2.060/52.34 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |           |             |                       |                                       |                  |
| -546           | 2 x 15 |       |             | 2.260/57.40 | 1.400/35.56 | 1.720/43.69 | 2.100/53.34 |           |             |                       |                                       |                  |
| -547           | 2 x 17 |       |             | 2.460/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |           |             |                       |                                       |                  |
| -548           | 2 x 20 |       |             | 2.760/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |           |             |                       |                                       |                  |
| -549           | 2 x 22 |       |             | 2.960/75.18 | 2.100/53.34 | 2.420/61.47 | 2.800/71.12 |           |             |                       |                                       |                  |
| -550           | 2 x 25 |       |             | 3.260/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |           |             |                       |                                       |                  |
| -551           | 2 x 30 |       | LOW PROFILE | 3.760/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 |           |             |                       |                                       |                  |
| -552           | 2 x 8  |       | NONE        | 1.560/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       | 2                                     |                  |
| -553           | 2 x 8  |       | STD         | 1.560/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       | 2                                     |                  |
| -554           | 2 x 10 |       | NONE        | 1.760/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       | 2                                     |                  |
| -555           | 2 x 10 |       | STD         | 1.760/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           | 5           | 5LF                   | 2                                     |                  |
| 68710-556      | 2 x 20 | D     | STD         | 2.760/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 | .160/4.06 | 1           | 1                     | 1,15,16,17,18,19,20,21,22,37,38,39,40 | NOTE 12          |

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|             |     |                |    |      |                                       |            |                                  |                                                 |                                                                                                     |                                                                                       |                           |                                        |  |              |  |      |  |
|-------------|-----|----------------|----|------|---------------------------------------|------------|----------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------|----------------------------------------|--|--------------|--|------|--|
| mat'l. code |     |                |    |      | surface<br>ISO 1302 ✓                 |            | tolerance<br>ISO 406<br>ISO 1101 |                                                 | projection<br> |                                                                                       | product family<br>QUICKIE |                                        |  |              |  |      |  |
| ltr         | ecn | no             | dr | date | tolerances unless otherwise specified |            |                                  |                                                 |                                                                                                     |                                                                                       |                           | title                                  |  |              |  |      |  |
| AG          |     |                |    |      | angles                                | linear     |                                  | .XX±.01/.3<br>.XXX±.005/.13<br>.XXXX±.0020/.051 |                                                                                                     | INCH/MM                                                                               |                           | P.F. HDR. ASSEMBLY<br>SEA HORSE 4 WALL |  |              |  |      |  |
|             |     |                |    |      | 0°±2'                                 |            |                                  |                                                 |                                                                                                     | scale 1:1                                                                             |                           |                                        |  |              |  |      |  |
|             |     |                |    |      | dr                                    | M. CLOUSER |                                  | 3/01/90                                         |                                                                                                     |  |                           | dwg no                                 |  | sheet12 of13 |  | size |  |
|             |     |                |    |      | engr                                  | M. SMYK    |                                  | 3/01/90                                         |                                                                                                     |                                                                                       |                           | 68710                                  |  |              |  | A3   |  |
|             |     |                |    |      | chr                                   | M. SMYK    |                                  | 3/01/90                                         |                                                                                                     |                                                                                       |                           |                                        |  |              |  |      |  |
|             |     |                |    |      | appd                                  | M. SMYK    |                                  | 3/01/90                                         |                                                                                                     |                                                                                       |                           |                                        |  |              |  |      |  |
| sheet index |     | revision sheet |    |      |                                       |            |                                  |                                                 |                                                                                                     |                                                                                       |                           |                                        |  |              |  |      |  |



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| PRODUCT NUMBER | SIZE   | STYLE | LATCH | DIM A       | DIM B       | DIM C       | DIM D       | DIM E     | PIN PLATING | LEAD FREE PIN PLATING | REMARKS  | PINS REMOVED                                                                     | LEAD FREE OPTION |
|----------------|--------|-------|-------|-------------|-------------|-------------|-------------|-----------|-------------|-----------------------|----------|----------------------------------------------------------------------------------|------------------|
| 68710-620      | 2 x 5  | A     | STD.  | 1.260/32.00 | .400/10.16  | .720/18.28  | 1.100/27.94 | .120/3.05 | 2           | 2                     | MINI-LIF |                                                                                  | NOTE 12          |
| ↑ -621         | 2 x 7  | C     | STD.  | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 | .120/3.05 | 2           | 2                     | MINI-LIF |                                                                                  |                  |
| -640           | 2 x 20 | D     | STD.  | 2.760/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 | .120/3.05 | 2           | 2                     | MINI-LIF |                                                                                  |                  |
| -650           | 2 x 25 | D     | STD.  | 3.260/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 | .120/3.05 | 2           | 2                     | MINI-LIF |                                                                                  |                  |
| -651           | 2 x 22 | D     | STD.  | 2.960/75.18 | 2.100/53.34 | 2.420/61.47 | 2.800/71.12 | .160/4.06 | 1           | 1                     |          | REMOVE PINS: 2,3,6,7,10,11,14,15,18,19,22,23, 26,27,30,31,34,35,38,39,42,43 & 44 |                  |
| -652           | 2 x 5  | A     | STD.  | 1.260/32.00 | .400/10.16  | .720/18.29  | 1.100/27.94 | ↑         | ↑           | ↑                     |          | REMOVE PINS: 10                                                                  |                  |
| -653           | 2 x 5  | B     | STD.  | 1.260/32.00 | .400/10.16  | .720/18.29  | 1.100/27.94 |           |             |                       |          | REMOVE PINS: 10                                                                  |                  |
| -654           | 2 x 7  | C     | STD.  | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       |          | REMOVE PINS: 14                                                                  |                  |
| -710           | 2 x 5  | A     | NONE  | 1.260/32.00 | .400/10.16  | .720/18.28  | 1.100/27.94 |           |             |                       |          |                                                                                  |                  |
| ↑ -714         | 2 x 7  | C     | ↑     | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       |          |                                                                                  |                  |
| -716           | 2 x 8  | D     |       | 1.560/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       |          |                                                                                  | NOTE 12          |
| -720           | 2 x 10 | ↑     |       | 1.760/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       |          |                                                                                  |                  |
| -726           | 2 x 13 |       |       | 2.060/52.32 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |           |             |                       |          |                                                                                  |                  |
| -734           | 2 x 17 |       |       | 2.460/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |           |             |                       |          |                                                                                  |                  |
| -740           | 2 x 20 |       |       | 2.760/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |           |             |                       |          |                                                                                  |                  |
| -750           | 2 x 25 | ↓     | ↓     | 3.260/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |           |             |                       |          |                                                                                  |                  |
| -760           | 2 x 30 | D     | NONE  | 3.760/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 |           |             |                       |          |                                                                                  |                  |
| -810           | 2 x 5  | A     | STD.  | 1.260/32.00 | .400/10.16  | .720/18.29  | 1.100/27.94 |           |             |                       |          |                                                                                  |                  |
| -814           | 2 x 7  | C     | ↑     | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       |          |                                                                                  |                  |
| -816           | 2 x 8  | D     | ↑     | 1.560/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       |          |                                                                                  |                  |
| -820           | 2 x 10 | ↑     |       | 1.760/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       |          |                                                                                  |                  |
| -826           | 2 x 13 |       |       | 2.060/52.32 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |           |             |                       |          |                                                                                  |                  |
| -834           | 2 x 17 |       |       | 2.460/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |           |             |                       |          |                                                                                  |                  |
| -840           | 2 x 20 |       |       | 2.760/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |           |             |                       |          |                                                                                  |                  |
| -850           | 2 x 25 | ↓     | ↓     | 3.260/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |           |             |                       |          |                                                                                  |                  |
| -860           | 2 x 30 | D     | STD.  | 3.760/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 |           |             |                       |          |                                                                                  |                  |
| -910           | 2 x 5  | A     | LOW   | 1.260/32.00 | .400/10.16  | .720/18.29  | 1.100/27.94 |           |             |                       |          |                                                                                  |                  |
| -914           | 2 x 7  | C     | ↑     | 1.460/37.08 | .600/15.24  | .920/23.37  | 1.300/33.02 |           |             |                       |          |                                                                                  |                  |
| -916           | 2 x 8  | D     |       | 1.560/39.62 | .700/17.78  | 1.020/25.91 | 1.400/35.56 |           |             |                       |          |                                                                                  |                  |
| -920           | 2 x 10 | ↑     |       | 1.760/44.70 | .900/22.86  | 1.220/30.99 | 1.600/40.64 |           |             |                       |          |                                                                                  |                  |
| -926           | 2 x 13 |       |       | 2.060/52.32 | 1.200/30.48 | 1.520/38.61 | 1.900/48.26 |           |             |                       |          |                                                                                  |                  |
| -934           | 2 x 17 |       |       | 2.460/62.48 | 1.600/40.64 | 1.920/48.79 | 2.300/58.42 |           |             |                       |          |                                                                                  |                  |
| -940           | 2 x 20 |       |       | 2.760/70.10 | 1.900/48.26 | 2.220/56.39 | 2.600/66.04 |           |             |                       |          |                                                                                  |                  |
| -950           | 2 x 25 | ↓     | ↓     | 3.260/82.80 | 2.400/60.96 | 2.720/69.09 | 3.100/78.74 |           |             |                       |          |                                                                                  |                  |
| ↓ 68710-960    | 2 x 30 | D     | LOW   | 3.760/95.50 | 2.900/73.66 | 3.220/81.79 | 3.600/91.44 | .160/4.06 | 1           | 1                     |          |                                                                                  |                  |

|             |  |                |  |                       |  |                                  |  |                                       |  |                           |  |                               |  |
|-------------|--|----------------|--|-----------------------|--|----------------------------------|--|---------------------------------------|--|---------------------------|--|-------------------------------|--|
| mat'l. code |  |                |  | surface<br>ISO 1302 ✓ |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br>                        |  | product family<br>QUICKIE |  |                               |  |
| ltr         |  | ecn no         |  | dr                    |  | date                             |  | tolerances unless otherwise specified |  | title                     |  |                               |  |
| AG          |  |                |  |                       |  |                                  |  | angles linear .XX±.01/.3              |  | INCH/MM                   |  | P.F. HDR. ASSEMBLY            |  |
|             |  |                |  |                       |  |                                  |  | 0°±2'                                 |  | linear .XXX±.005/.13      |  | SEA HORSE 4 WALL              |  |
|             |  |                |  |                       |  |                                  |  |                                       |  | scale 1:1                 |  | sheet 3 of 13 size            |  |
|             |  |                |  |                       |  |                                  |  | dr M. CLOUSER 3/01/90                 |  |                           |  | dwg no 68710 A3               |  |
|             |  |                |  |                       |  |                                  |  | enr M. SMYK 3/01/90                   |  |                           |  | type Product Customer Drawing |  |
|             |  |                |  |                       |  |                                  |  | chr M. SMYK 3/01/90                   |  |                           |  |                               |  |
|             |  |                |  |                       |  |                                  |  | appd M. SMYK 3/01/90                  |  |                           |  |                               |  |
| sheet index |  | revision sheet |  |                       |  |                                  |  |                                       |  |                           |  |                               |  |

form: A3